

CLAIMS:

1. A poly(vinylidene chloride) interpolymer composition comprising (1) a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid and (2) an interpolymer of vinylidene chloride and vinyl chloride, the copolymer being present in an amount effective to
5 improve meat adhesion of a food casing made from the interpolymer composition having the copolymer as compared with a composition otherwise having the same proportions of components as the interpolymer composition but without the added copolymer (hereinafter effective amount).
2. A process for preparing a thermoplastic food casing which comprises adding an
10 effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid to a an interpolymer of vinylidene chloride and vinyl chloride to improve meat adhesion of the food casing.
3. A film comprising (1) an interpolymer of vinylidene chloride and vinyl chloride and (2)
15 an effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid to improve meat adhesion of the film.
4. A combination of (1) a film comprising (a) an interpolymer of vinylidene chloride and vinyl chloride and (b) an effective amount of a copolymer of an alpha olefin to improve meat
adhesion and an alkyl ester of an unsaturated carboxylic acid and, adjacent thereto or in contact
20 therewith, (2) a fatty substance, a meat having fat content, a meat product having fat content, or other food having fat content.
5. A package to contact meat or other fatty substance wherein the meat or fatty
substance contacts a surface comprising (1) an interpolymer of vinylidene chloride and vinyl
chloride and (2) an effective amount of a copolymer of an alpha olefin and an alkyl ester of an
unsaturated carboxylic acid to improve meat adhesion.
- 25 6. The package of Claim 5 wherein the surface is a surface of a film.
7. A package useful for meat or other fatty substance comprising (1) an interpolymer of
vinylidene chloride and vinyl chloride and (2) an effective amount of a copolymer of an alpha
olefin and an alkyl ester of an unsaturated carboxylic acid to improve meat adhesion wherein
the package is designed for contact of interpolymer of vinylidene chloride with the meat or fatty
30 substance.
8. A sausage casing having a film comprising (1) an interpolymer of vinylidene and
chloride vinyl chloride and (2) an effective amount of a copolymer of an alpha olefin and an alkyl
ester of an unsaturated carboxylic acid to improve meat adhesion.
9. A use of a vinylidene chloride interpolymer composition comprising (1) an
35 interpolymer of vinylidene chloride and vinyl chloride and (2) an effective amount of at least one
copolymer of an alpha olefin and an alkyl ester of an ethylenically unsaturated carboxylic acid to
improve meat adhesion for making a film, a molded article, a package or packaging material.

10. The use of Claim 9 wherein the film, article, package or packaging is suitable for contacting or containing a fatty substance or food.

11. The use of Claim 10 wherein the fatty substance or food is sausage.

12. The invention of any of claims 1-11 wherein there is a film, the film is a monolayer
5 film.

13. The film of claim 12 used to contact meat.

14. The invention of any of claims 1-13 wherein the copolymer comprises ethylene and at least one alkyl ester of an acrylic or methacrylic acid.

15. The invention of any of Claims 1-14 wherein the copolymer comprises ethylene and at least one C₁ to C₁₀ alkyl ester of acrylic acid.
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16. The invention of any of Claims 1-15 wherein the copolymer comprises ethylene and methyl ester of acrylic acid

17. The invention of any of Claims 1-16 wherein the copolymer comprises from 1 to 50 weight percent alkyl ester of unsaturated carboxylic acid.

18. The invention of any of Claims 1-17 wherein the copolymer comprises from 20 to 30 weight percent alkyl ester of unsaturated carboxylic acid.
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19. The invention of any of Claims 1-18 wherein the copolymer has a melt index of from 0.1 to 500 gm/10 min.

20. The invention of any of Claims 1-19 wherein the copolymer has a melt index of from 1 to 6 gm/10 min.
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21. The invention of any of Claims 1-20 wherein the vinylidene chloride interpolymer is from about 50 to about 90 weight percent vinylidene chloride and from about 50 to about 10 weight percent vinyl chloride, based on total weight of the vinylidene chloride interpolymer.

22. The invention of any of Claims 1-21 wherein the amount of copolymer of olefin and alkyl ester of unsaturated carboxylic acid is from 1 to 10 weight percent of the interpolymer composition.
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23. The invention of any of Claims 1-22 wherein the amount of copolymer of olefin and alkyl ester of unsaturated carboxylic acid is from 0.1 to 3 weight percent of the interpolymer composition.

24. The invention of any of Claims 1-23 wherein the amount of copolymer of olefin and alkyl ester of unsaturated carboxylic acid is from 1 to 3 weight percent of the interpolymer composition.
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25. The invention of any of Claims 1-24 wherein the vinylidene chloride interpolymer composition is in the form of a monolayer film with a thickness of from about 3 micron (3X10⁻⁶m) to about 120 micron (120 X10⁻⁶m).
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26. The invention of any of Claims 1-25 wherein the vinylidene chloride interpolymer composition is in the form of a monolayer film with a thickness of from about 3 micron (3X10⁻⁶m) to about 80 micron (80X10⁻⁶m).